

TFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/763,914  
Applicant : STAHLER et al.  
Filed : May 11, 2001  
TC/A.U. : 1639  
Examiner : Padmashri Ponnaluri  
  
Docket No. : 2923-438  
Customer No. : 06449  
Confirmation No. : 3624

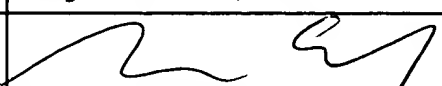
INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO-1449. German language documents are cited because they were cited in related cases or similar cases having the same assignee in the United States or in Germany. English-language equivalents or abstracts are also submitted where available.

Applicants believe that no fee is due for this submission, however, if the Office deems a fee necessary, the Office is authorized to charge deposit account number 02-2135.

RESPECTFULLY SUBMITTED,					
NAME AND REG. NUMBER	Martha Cassidy Reg. No. 44,066				
SIGNATURE				DATE	February 8, 2006
Address	Rothwell, Figg, Ernst & Manbeck 1425 K Street, N.W., Suite 800				
City	Washington	State	D.C.	Zip Code	20005
Country	U.S.A.	Telephone	202-783-6040	Fax	202-783-6031



# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

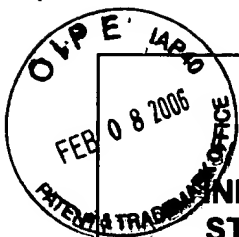
				Complete if Known	
				Application Number	09/763,914
				Filing Date	May 11, 2001
				First Named Inventor	STÄHLER et al.
				Group Art Unit	1639
				Examiner Name	Padmashri Ponnaluri
				Confirmation No.	3624
Sheet	1	of	6	Attorney Docket Number	2923-438

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		5,143,854		PIRRUNG et al.	09-01-1992
		5,247,180		MITCHAM et al.	09-21-1993
		5,384,464		De FORNEL et al.	01-24-1995
		5,405,783		PIRRUNG et al.	04-11-1995
		5,474,796		BRENNAN	12-12-1995
		5,547,839		DOWER et al.	08-20-1996
		5,728,251		CHECK, III	03-17-1998
		5,789,162		DOWER et al.	08-04-1998
		5,807,525		ALLEN et al.	09-15-1998
		5,812,272		KING et al.	09-22-1998
		5,843,655		McGALL	12-01-1998
		5,849,486		HELLER et al.	12-15-1998
		5,952,172		MEADE et al.	09-14-1999
		5,968,745		THORP et al.	10-19-1999
		6,066,448		WOHLSTADTER et al.	05-23-2000
		6,136,269		WINKLER et al.	10-24-2000
		6,295,153	B1	GARNER	09-25-2001
		6,420,169	B1	READ et al.	07-16-2002
		6,582,917	B1	BEIER	06-24-2003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

				<i>Complete if Known</i>	
				Application Number	09/763,914
				Filing Date	May 11, 2001
				First Named Inventor	STÄHLER et al.
				Group Art Unit	1639
				Examiner Name	Padmashri Ponnaluri
				Confirmation No.	3624
Sheet	2	of	6	Attorney Docket Number	2923-438

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		2002/0160427	A1	BEIER et al.	10-31-2002
		2003/0175781	A1	BEIER	09-18-2003
		2003/0198948	A1	STÄHLER et al.	10-23-2003
		2004/0043509	A1	STÄHLER et al.	03-04-2004
		2004/0175734	A1	STÄHLER et al.	09-09-2004
		2005/0037407	A1	BEIER et al.	02-17-2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>	
				Application Number	09/763,914
				Filing Date	May 11, 2001
				First Named Inventor	STÄHLER et al.
				Group Art Unit	1639
				Examiner Name	Padmashri Ponnaluri
				Confirmation No.	3624
Sheet	3	of	6	Attorney Docket Number	2923-438

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
		WO	91/18276	A1	Kelly et al.	11-28-1991	
		WO	93/20230	A1	Environmental & Medical Prod. Ltd.	10-14-1993	
		WO	95/12808	A1	Nanogen, Inc.	05-11-1995	
		WO	96/33971	A1	U.S. Gov't/Secretary of the Navy	10-31-1996	
		WO	96/40712	A1	California Institute of Technology	12-19-1996	
		WO	97/06468	A2	Rabani, Ely	02-20-1997	
		WO	97/12030	A1	Nanogen, Inc.	04-03-1997	
		WO	97/41425	A1	Pence, Inc.	11-06-1997	
		WO	98/03683	A1	The Regents of the Univ. of Michigan	01-29-1998	
		WO	98/30893	A1	Foster, Robert A.	07-16-1998	
		WO	98/51819	A1	Nanogen, Inc.	11-19-1998	
		WO	98/58293	A2	Biotoole - Institute Fur Computernite- Griertes Bioengineering GmbH (Abstract)	12-23-1998	AB
		WO	99/19510	A1	President and Fellows of Harvard College	04-22-1999	
		WO	99/27140	A1	Lockheed Martin Energy Res. Corp.	06-03-1999	
		WO	99/31275	A1	Nexstar Pharmaceuticals, Inc.	06-24-1999	
		WO	99/37819	A2	Clinical Micro Sensors, Inc.	07-29-1999	
		WO	99/39817	A1	* Affymetrix, Inc.	08-12-1999	
Examiner Signature					Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

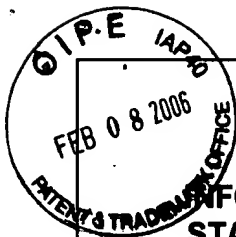
				Complete if Known	
				Application Number	09/763,914
				Filing Date	May 11, 2001
				First Named Inventor	STÄHLER et al.
				Group Art Unit	1639
				Examiner Name	Padmashri Ponnaluri
				Confirmation No.	3624
Sheet	4	of	6	Attorney Docket Number	2923-438

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
		WO	00/11473	A1	Sen-Sor-Tech Limited	03-02-2000	
		WO	02/32567	A1	Febit AG (Abstract)	04-25-2002	AB
		CA	2,345,157	A1	Friz Biochem GmbH	11-19-1999	
		CA	2,371,938		Friz Biochem GmbH	01-07-2000	
		DE	04241871	A1	Schulz, Rudolf	06-16-1994	AB
		DE	04325724	A1	Debbage, Paul	02-02-1995	AB
		DE	19731479	A1	Hewlett-Packard Co.	06-08-1998	AB
		DE	19823876	A1	Institut fur Mikrotechnik Mainz GmbH	12-02-1999	AB
		DE	19842164		Deutsches Krebsforschungszentrum Stiftung des öffentlichen Rechts	04-06-2000	AB
		DE	19901761	A1	Hartwich, Gerhard	07-01-1999	AB
		DE	19921940	A1	Hartwich, Gerhard	06-15-2000	AB
		DE	19926457	A1	Hartwich, Gerhard	07-27-2000	AB
		DE	19940751	A1	FeBiT Ferrarius Biotech.GmbH	03-02-2000	
		DE	69012119	T2	Affymax Technologies N.V.	03-25-1992	
		DE	69032277	T2	SIM (Societe D'In.....	04-29-1998	
		DE	69130251	T2	Matsushita Electrical Indus. Co., Ltd.	09-23-1998	
Examiner Signature					Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

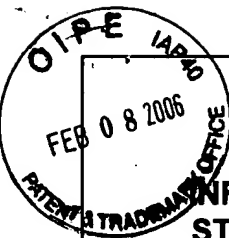
				<i>Complete if Known</i>	
				Application Number	09/763,914
				Filing Date	May 11, 2001
				First Named Inventor	STÄHLER et al.
				Group Art Unit	1639
				Examiner Name	Padmashri Ponnaluri
				Confirmation No.	3624
Sheet	5	of	6	Attorney Docket Number	2923-438

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
		DE	69217497	T2	Affymax Technologies N.V.	07-06-1994	
		DE	69328693	T2	Beckman Coulter, Inc.	07-17-1996	
		DE	8309254.4		Straub, Hans	01-03-1985	
		EP	0430248	A2	Mochida Pharmaceutical Co., Ltd.	06-05-1991	
		EP	0493137		Research Development Corporation of Japan	07-01-1992	
		EP	0549993	A1	Texas Instruments Inc.	07-07-1993	
		EP	0671626	A1	Ciba-Geigy AG	09-13-1995	
		EP	0955085	A2	Affymetrix, Inc.	11-10-1999	
		JP	9288080		Shinnitsuka Kankyo Eng KK (Abstract Only)	11-04-1997	AB
Examiner Signature					Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

				Complete if Known	
				Application Number	09/763,914
				Filing Date	May 11, 2001
				First Named Inventor	STÄHLER et al.
				Group Art Unit	1639
				Examiner Name	Padmashri Ponnaluri
				Confirmation No.	3624
Sheet	6	of	6	Attorney Docket Number	2923-438

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>	
		Hanley, et al. "Charge Transfer Device in Analytical Instrumentation," Anal. Chem. 68:A661-A667, 1996.		
		Johnson et al., "Micromirror arrays perform photolithography step," EETIMES.com, (1999), 2 pgs.		
		Kirschner, et al., "Minaturisierte NIR-Diodenarray-Spektrometer," GIT Labor-Fachzeitschrift 402-404, 1998, (with English Abstract).		
		Villemoes et al., "A Computerized Peptide Synthesizer with Feed back Control," Acta Chemica Scand. B 32:703-713, 1978.		
		von Buren et al., "Branched Oligodeoxynucleotides: Automated Synthesis and Triple Helical Hybridization Studies," Tetrahedron Lett. 51(31):8491-8506, 1995.		
		German Search Report of 08/9/1999, from DE 19839254.0 (with English translation).	✓	
		German Search Report of 04/17/2000, from DE 19940752.5 (with English translation).	✓	
Examiner Signature			Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.